

FIG. 1

*Prior Art*

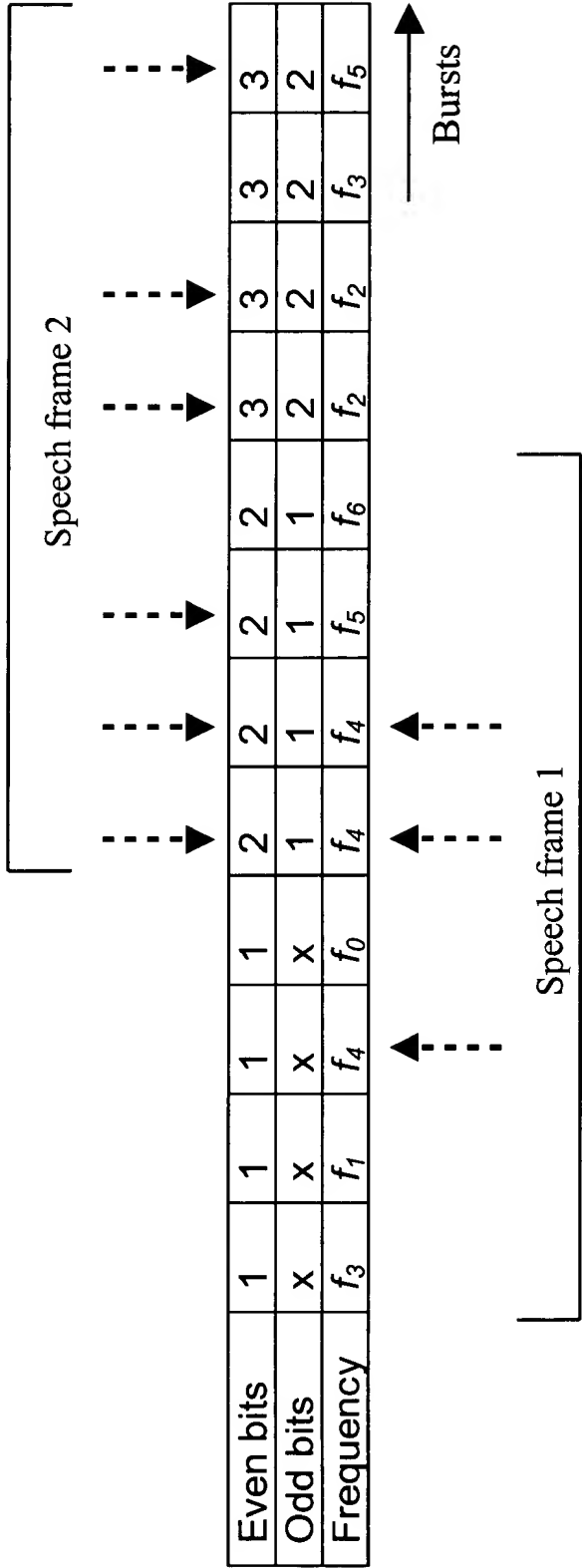


FIG. 2 Balachandran-Kang-Sanwal-Seymour 21-1-3-12

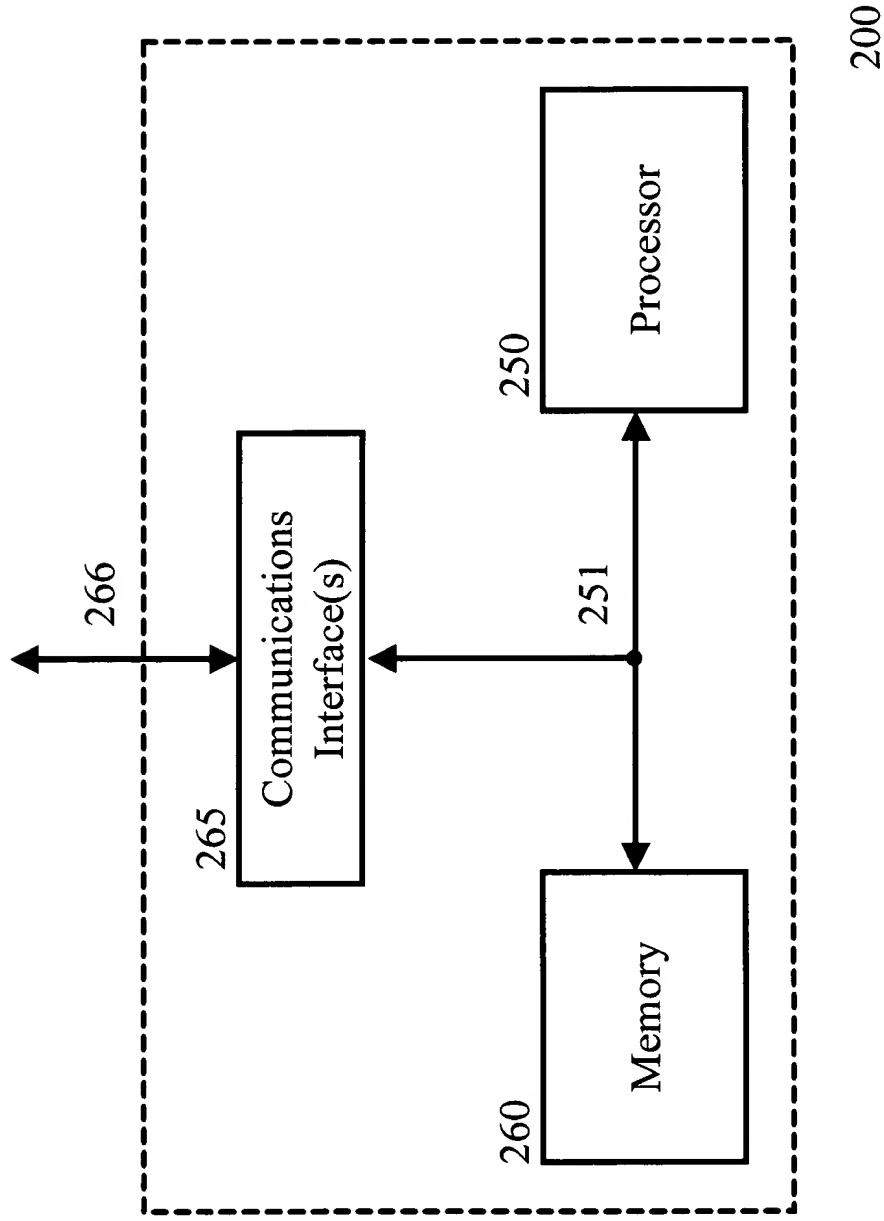


FIG. 3

Even bits	1	1	1	1	2	2	2	2	3	3	3	3
Odd bits	x	x	x	x	1	1	1	1	2	2	2	2
Frequency	$f_3$	$f_1$	$f_4$	$f_0$	$f_7$	$f_8$	$f_5$	$f_6$	$f_1$	$f_3$	$f_0$	$f_4$

Speech frame 1

Bursts

FIG. 4

*Prior Art*

Parameter	Definition	Range
TDMA Frame Number, <i>FN</i>	TDMA frame number	0 to (26 x 51 x 2048) - 1
Time parameter, <i>T1R</i>	[ <i>FN</i> div (26 x 51)] modulo 64	0 to 63
Time parameter, <i>T2</i>	<i>FN</i> modulo 26	0 to 25
Time parameter, <i>T3</i>	<i>FN</i> modulo 51	0 to 50
Hopping Sequence Number ( <i>HSN</i> )	Used along with other time parameters to generate a pseudo-random hopping sequence	0 to 63
<i>NBIN</i>	Number of bits required to represent <i>N</i>	
<i>xor</i>	Bit-wise exclusive or of 8 bit binary operands	

Table One

FIG. 5

